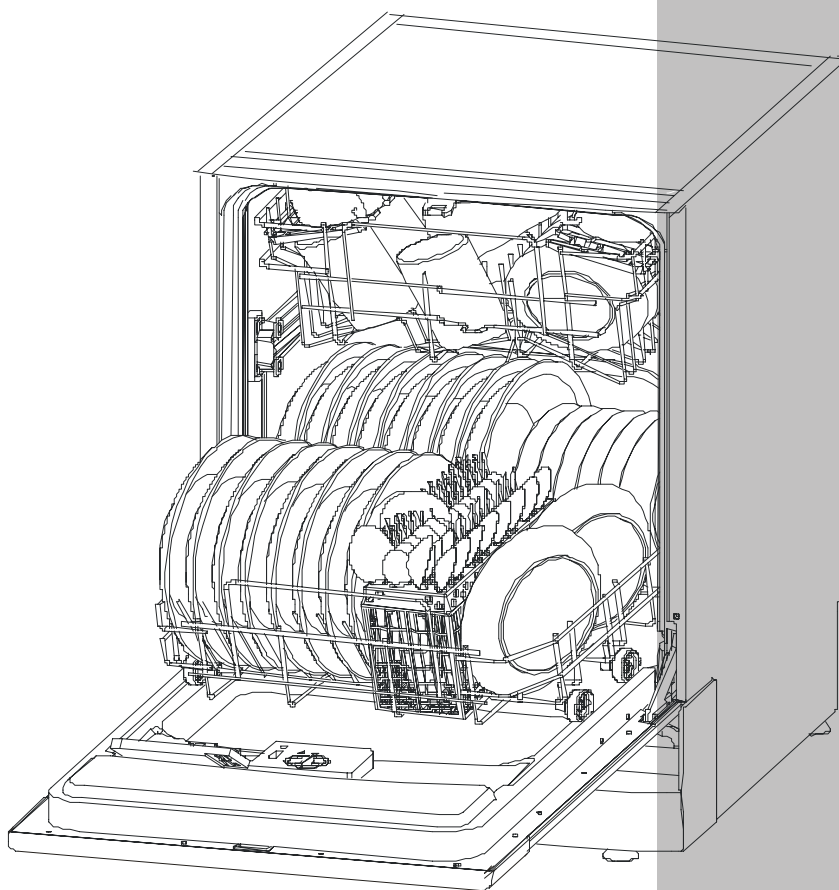


Dishwasher Installation and Maintenance Instructions



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Chapter I Installation

1.1 Safety Instruction

After unpacking, the appliance should be checked to see if there is any damage to it.

The dishwasher is intended to wash dishes and plates by adults.

When using the dishwasher, some basic principals should be followed:

- 1) Extended power cord and adaptor should not be used.
- 2) The power cord should not be too long or knotted.
- 3) Switch off the power before making any repair of the dishwasher.

Children should be kept away from the detergent and the opened dishwasher.

Then dishwasher should not be installed in an unsheltered place or exposed to the rain or other natural environment.

Never touch the heating element during or immediately after use.

The dishwasher should not be lean on or sit on when it is open, otherwise it will be overturned.

If the dishwasher malfunctions, turn off the water inlet and cut off the power before you read the instruction of Chapter II. If the problems cannot be solved by yourself, please contact the professional technicians.

The dishwasher could not be repaired by unprofessional personnel with non-original spare parts.

It is recommended that if the dishwasher will not be used for a long time, it should be cut off the water inlet, remove the plug and keep the door of dishwasher ajar.

1.2 Installation Instruction

Unpacking

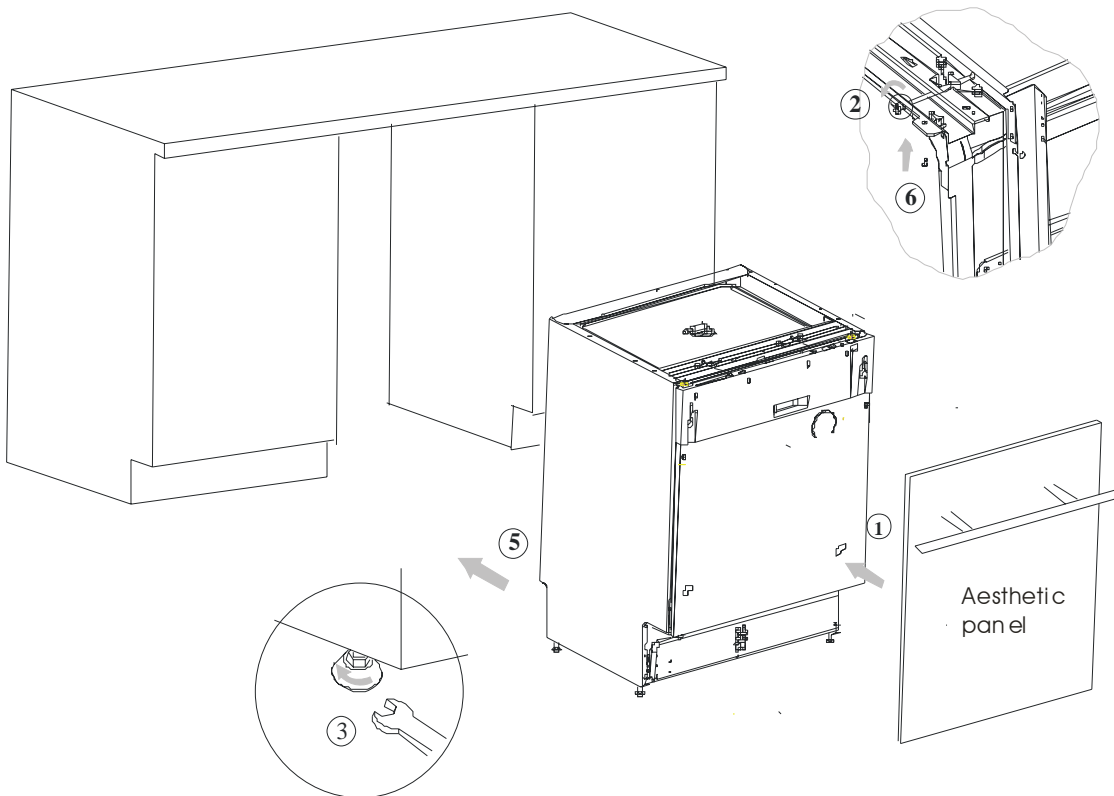
- 1) Removing the packing accessories, please pay attention that the plastic bag should be out of the reach of children.
- 2) Open the door of the dishwasher to check the baskets are placed in the proper place (manufactures may fix the baskets by some simple ways for the sake of safety).

Locate the dishwasher

- 1) The dishwasher should be kept away from heating resources and not be exposed to the sun to prevent its coating from fading or falling off.
- 2) The back of the dishwasher should rest against the wall behind it and the sides, along the adjacent cabinets or wall. The water supply and drain hose of the dishwasher could be positioned to the right of the left to facilitate proper installation.
- 3) The dishwasher should be built in the cabinet and fixed it on the cabinet by two screw.

Installation steps

- 1) Install the aesthetic panel on the outer door of the dishwasher.
- 2) Adjust the tension of door spring.
- 3) level the dishwasher and touch the cabinet by adjusting the four leveling legs individually.
- 4) Connect the inlet, and drain hoses, and power cord .
- 5) pushing the dishwasher into the cabinet.
- 6) fixing the dishwasher into the cabinet by two countersunk head screw.



Installation steps

When you want more particular content about installation, please to see the installation manual we edited.

Chapter II Maintenance

2.1 Foreword

Before any repair service, you should check:

- a) Whether the dishwasher is properly installed according to the installation manual.
- b) Whether the damaged components have been repaired or not.
- c) Whether the charging hose and the drain hose are properly installed.
- d) Whether the dishwasher is level or not.
- e) Whether there is salt in the water softener.
- f) Whether there is rinse agent in the dispenser.

The circuit board is the centrum of the whole control system of the dishwasher. When dishwasher is washing though a information comes to the circuit, then the circuit delivers various dictate to every department of dishwasher to keep the dishwasher moving. the dishwasher move with a arranged program. If you know the program and structure of the dishwasher, the below table shoule be helpful to establish a resolve to any problems occurred.

2.2 Troubleshooting

| Questions put forward by users | By misusage of users | The problems of the dishwasher itself |
|------------------------------------|---|---|
| The dishwasher does not start | <ul style="list-style-type: none"> * Something wrong with the socket * No water (the water valve is closed) * Improper electrical connection * The door is not properly closed * Incorrect position of charging hose | <ul style="list-style-type: none"> * Power cord * "ON/OFF" switch * Door switch * Water inlet valve * Pressure switch * Aqua-stop switch |
| Water floods in the dishwasher | | <ul style="list-style-type: none"> * Air leakage of the chamber * The hose of pressure switch * Pressure switch * Water inlet valve |
| The dishwasher does not heat | | <ul style="list-style-type: none"> * Malfuction of heating element * The circuit is not properly contacted * Malfuction of the thermocouple |
| No water comes into the dishwasher | <ul style="list-style-type: none"> * Water supply is cut off * The filter of the water inlet valve is clogged. | <ul style="list-style-type: none"> * Connection to the inlet valve is broken or damaged. * Electrical connection is cut off. * Pressure switch * Aqua-stop switch * The softener is blocked. |
| | | |

| | | |
|---|---|---|
| The dishes are not clean enough after washing | <ul style="list-style-type: none"> * The filter is clogged. * Unqualified detergent or the dosage in the container is not correct. * No salt in the softener * No rinse agent * Incorrect loading of dishes * <p>Something wrong with the drain pipe in the home</p> | <ul style="list-style-type: none"> * Flow and pressure of washing pump * Detergent is not released from dispenser * Heating element is not working * The nozzle is blocked by food particles * No water coming into the dishwasher * The dispenser malfunctions * something wrong with the pressure switch reducing water pressure |
| The dishwasher doesn't wash properly | <ul style="list-style-type: none"> * Wrong loading position of the dishes. | <ul style="list-style-type: none"> * Short circuit of startup capacitance * Washing motor is blocked or burnt * Pressure switch * Malfunction of the circuit board |
| The dishes are wet | <ul style="list-style-type: none"> * The customer chose the program without drying performance | <ul style="list-style-type: none"> * Thermocouple doesn't work properly * Heating element has malfunctioned * Something is wrong with the circuit board |
| The dishes are not completely dried | <ul style="list-style-type: none"> * Incorrect loading of the dishes * Earlier opening of the door * No rinse agent or the dosage is not enough * Incorrect program selection | <ul style="list-style-type: none"> * The passage of the air breather is blocked * The drain pump does not drain out water * Detergent is not released from the dispenser |
| Too much noise | <ul style="list-style-type: none"> * Incorrect loading of dishes | <ul style="list-style-type: none"> * Noise from washing pump * Noise from drain pump * Noise from water inlet valve * Noise from air breather |
| Electrical charges from dishwasher | <ul style="list-style-type: none"> * The electrical wire in the house is not earthed. | <ul style="list-style-type: none"> * Connection of the terminal box * Grounding of the heating element * Circuit and its components |
| Water leakage and flood of the dishwasher | <ul style="list-style-type: none"> * Too much detergent * Using the detergent not intended for use with dishwashers. | <ul style="list-style-type: none"> * Pressure switch * Door gasket * Water leakage of pipes, gaskets and bolts * Drain hose * Washing pump * Softener valve * Softener * Air breather |

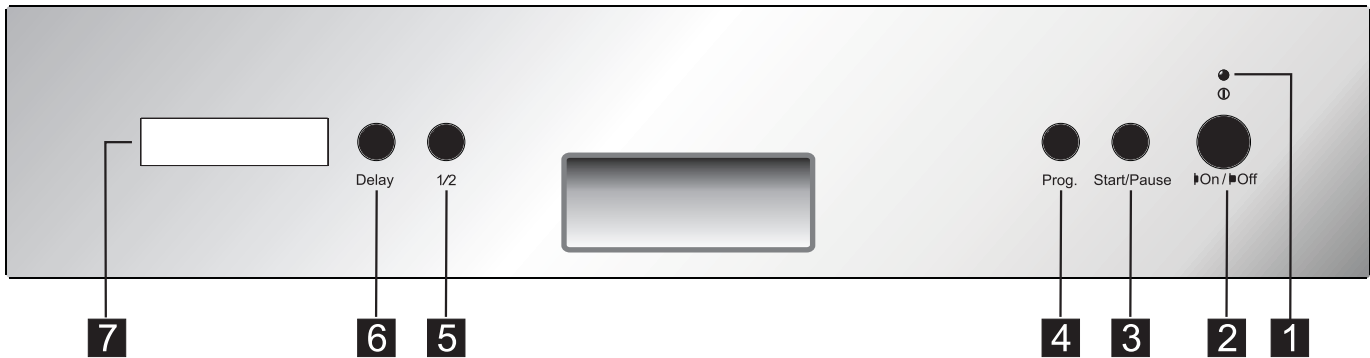
| | | |
|--|---|--|
| | | |
| Unusual smell in the dishwasher | <ul style="list-style-type: none"> * Food particles on the tub bottom * Food particles on the heating element * Plastic dishes used in the dishwasher | <ul style="list-style-type: none"> * The water temperature is too high when drying (overheating) * Thermocouple doesn't work properly |
| Long time for a washing cycle | <ul style="list-style-type: none"> * Inlet pressure is too low * Incorrect location of charging and drain hoses or they are bent * The filter of inlet valve is blocked | <ul style="list-style-type: none"> * The drain hose is crimped or bent * Malfunction of the drain pump * Infill of the inlet valve is blocked * Clog of the softener * Malfunction of the thermocouple |
| The detergent could not be released from the dispenser | <ul style="list-style-type: none"> * Bad quality of the detergent * The detergent is damped into blocks * Wrong location of the dishes | <ul style="list-style-type: none"> * The plug of detergent container could not be opened. * No action of the solenoid valve of electric feeding dispenser. * Malfunction of the electric circuit * Malfunction of the thermocouple |
| Dishwasher stops when cycling | | <ul style="list-style-type: none"> * Electric circuit * Door switch * Pressure switch * The circuit board * Power switch |
| Dishes are damaged or glassware is broken | <ul style="list-style-type: none"> * The dishes are not suitable for washing in the dishwasher * The dishes are overturned * The washing temperature is not suitable for glassware | <ul style="list-style-type: none"> * Basket is damaged * Malfunction of the thermocouple |
| The dishwasher does not drain | <ul style="list-style-type: none"> * Block of drain hose | <ul style="list-style-type: none"> * Malfunction of drain pump * Improper connection of electric circuit * Malfunction of the thermocouple |
| Lime deposits form on the dishes | <ul style="list-style-type: none"> * Too much detergent | <ul style="list-style-type: none"> * Reduce the dosage |
| The dishes look greasy and a blue film forms on them sometimes | <ul style="list-style-type: none"> * Too much rinse agent | <ul style="list-style-type: none"> * Reduce the dosage |
| Dirty spots on the surface of the dishwasher | <ul style="list-style-type: none"> * The detergent sticks to the damp surface | <ul style="list-style-type: none"> * Use the detergent according to the user's manual * The detergent should not be spilled on the surface of the dishwasher |
| Strange color of the surface of the washed dishes | <ul style="list-style-type: none"> * The salt is not intended to use in the dishwasher. | <ul style="list-style-type: none"> * The influence of salt on the resin |

2.3 Notes

1. According to the program requiring, when the dishwasher is heated to a certain temperature, the circuit board will shut off the electric supply to the electrothermal element.

2. Aqua-stop device: start up the drain pump and make the dishwasher stop its running.

3. The 90°C thermostat is closed under normal condition. When the dishwasher is heated to a certain temperature, the thermostat will open to shut off the electric supply to the electrothermal elements.



1 Power indicator light: To show the power supply.

2 Power switch: To turn on/off the power supply.

3 Start /Pause button: To start the selected washing program or pause the washing program when the machine is working.

4 Washing Program Selector : To select one of the six washing programs.

5 Half load functions Button: To select Half load functions. (Half load function means that the lower spray arm does not run, so you should load the upper basket only).

6 Delay Button : To Press the button to delay.

7 Display window: Display the program, program remaining time, delay time, fault codes and etc.

Error Codes

When some malfunctions come on, the appliance will display error codes to warn you:

| <i>Codes</i> | <i>Meanings</i> | <i>Possible Causes</i> |
|--------------|--|---|
| E1 | Longer inlet time. | Faucets is not opened, or water intake is restricted, or water pressure is too low. |
| E3 | Longer heating time, but not reaching required temperature | Malfunction of temperature sensor or of heating element. |
| E4 | Overflow. | Some element of dishwasher leaks . |
| E6 | Failure of temperature sensor | Open circuit or break of temperature sensor |
| E7 | Failure of temperature sensor | Short circuit or break of temperature sensor |